



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Scienze Economiche, Aziendali e Statistiche		
ACADEMIC YEAR	2020/2021		
BACHELOR'S DEGREE (BSC)	ECONOMICS AND BUSINESS ADMINISTRATION		
SUBJECT	ECONOMIC AND BUSINESS STATISTICS		
TYPE OF EDUCATIONAL ACTIVITY	B		
AMBIT	50063-Statistico-matematico		
CODE	17111		
SCIENTIFIC SECTOR(S)	SECS-S/03		
HEAD PROFESSOR(S)	BONO FILIPPA	Professore Associato	Univ. di PALERMO
OTHER PROFESSOR(S)			
CREDITS	6		
INDIVIDUAL STUDY (Hrs)	102		
COURSE ACTIVITY (Hrs)	48		
PROPAEDEUTICAL SUBJECTS			
MUTUALIZATION			
YEAR	3		
TERM (SEMESTER)	2° semester		
ATTENDANCE	Not mandatory		
EVALUATION	Out of 30		
TEACHER OFFICE HOURS	BONO FILIPPA Wednesday 12:00 13:00 da concordare con lo studente previa prenotazione		

DOCENTE: Prof.ssa FILIPPA BONO

PREREQUISITES	economics and statistics at basic level.
LEARNING OUTCOMES	<p>Knowledge and understanding: (i) technical language; (ii) statistical sources in economic analysis; (iii) fundamental tools in economic statistics; (iv) interpretation of empirical results.</p> <p>Applying knowledge and understanding: (i) selecting and using statistical tools which are proper with respect to the aims of economic analysis and the nature of data.</p> <p>Making judgement: (i) choice of statistical source which are more suitable with respect to the aims of analysis; (ii) planning empirical strategies for economic statistics at basic and intermediate level; (iii) interpretation of results.</p> <p>Communication skills (i) Ability to explain the results of the analyses, also to a public not expert in the field.</p> <p>Learning skills: (i) understanding empirical analyses in economics; (ii) searching and selection of statistical sources for empirical economic analyses; (iii) selection of adequate statistical tools with respect to nature of data and aims of analysis.</p>
ASSESSMENT METHODS	<p>The final exam is written and eventually oral upon request from students. The oral exam is not a substitute but a supplement to the written test. The written test includes some practical exercises. The examination Board is interested to understand the ability of students of: (i) looking for adequate statistical tools for specific economic problems; (ii) comparing advantages and disadvantages of these tools; (iii) interpreting empirical results. Particular attention is focused on the assessment of knowledge on statistical sources in economic analysis, both at national and international level.</p> <p>The score is interpreted in the following way: a score of 30 and 30 with distinction: an excellent knowledge of the subjects and a great command of technical language; 26-29: good knowledge of discipline and some tolerable inaccuracy; 25-23: some knowledge of the main issues and heavy inaccuracy; 18-22: minimal knowledge of the arguments; insufficient score: no knowledge of the fundamentals.</p>
EDUCATIONAL OBJECTIVES	The course aims to provide adequate tools to develop empirical analyses in economics and to interpret the obtained evidence.
TEACHING METHODS	lessons and practical exercises
SUGGESTED BIBLIOGRAPHY	<p>Si consigliano entri i seguenti testi: Statistica Economica, R. Guarini, F. Tassinari, Il Mulino. Contabilita' Nazionale, V. Siesto, Il Mulino.</p> <p>Materiale a cura del docente verra' divulgato attraverso il portale UNIPA.</p>

SYLLABUS

Hrs	Frontal teaching
6	National Accounts. Methods to compute Gross Domestic Product. Quantitative measures to analyse an economic system.
10	Analysis of economic variable across space and over time using index numbers.
10	Time series analysis using decomposition approach.
10	Analysis of industrial system. Input-Output Analysis.
12	Production function and economic growth analysis. Empirical measures of output and inputs. Economic dipsarities and convergence analysis